

11/13/01

<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b> <i>Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)</i>	Attorney Docket No.	SP00-383A	Total Pages	2
	First Named Inventor or Application Identifier   Heibel, Achim			
	Title : STRUCTURED CATALYSTS AND PROCESSES FOR GAS/LIQUID REACTORS			
	Express Mail Label No.	EV 041470998 US		

**CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10:**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is Addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231

on 11/13/01

(Date)

Signature



"EXPRESS MAIL" Mailing Label No. EV 041470998 US

**ADDRESS TO:**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

jc781 U.S. PTO  
10/008059  
11/13/01

- |   |  |
|---|--|
| <p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 23]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R&amp;D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p><input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 6]</p> <p>4. Oath or Declaration [Total Pages 2]</p> <p>a. <input checked="" type="checkbox"/> Executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br/>(for continuation/divisional with Box 16 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p> | <p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> |
|---|--|

**ACCOMPANYING APPLICATION PARTS**

- |   |   |
|---|---|
| 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))                            |   |
| 8. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee)                | <input checked="" type="checkbox"/> Power of Attorney |
| 9. <input type="checkbox"/> English Translation Document (if applicable)  |   |
| 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449                         | <input type="checkbox"/> Copies of IDS Citations      |
| 11. <input type="checkbox"/> Preliminary Amendment  |   |
| 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(should be specifically itemized) |   |
| 14. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)         | 15. <input type="checkbox"/> Other:                   |

**16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:**

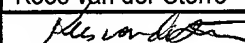
☐ Continuation ☐ Divisional. ☒ Continuation-in-part (CIP) of prior application No. 09/952,173 filed 9/15/01

Prior application information: Examiner: N/A Group / Art Unit: 1764

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label 22928 or ☐ Correspondence address below

NAME	Kees van der Sterre				
ADDRESS	Corning Incorporated, SP-TI-3-1				
CITY	Corning	STATE	NY	ZIP CODE	14831
COUNTRY	USA	TELEPHONE	607-974-3294	FAX	(607) 974-3848
Name (Print/Type)	Kees van der Sterre			Registration No. (Attorney/Agent)	25,938
Signature				Date	November 13, 2001

# FEE TRANSMITTAL for FY 2001

**Complete if Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Heibel, Achim
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned
Attorney Docket Number	SP00-383A

**TOTAL AMOUNT OF PAYMENT (\$908.00)**

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-3325

Deposit Account Name Corning Incorporated

- ☒ Charge Any Additional Fees Required  
Under 37 C.F.R. §§ 1.16 and 1.17

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
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101	740		Utility filing fee	740.00
106	330		Design filing fee	
107	510		Plant filing fee	
108	740		Reissue filing fee	
114	160		Provisional filing fee	

**SUBTOTAL (1) (\$740.00)**

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	19 - 20** = 0	0 x 18 =	00.00
Independent Claims	5 - 3** = 2	2 x 84 =	168.00
Multiple Dependent		0 =	0.00

*For number previously paid, if greater; For Reissues, see below*

Large Entity	Fee Code	Fee (\$)	Fee Description
	103	18	Claims in excess of 20
	102	84	Independent claims in excess of 3
	104	280	Multiple dependent claim, if not paid
	109	84	** Reissue independent claims over original patent
	110	18	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$168.00)**

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
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105	130		Surcharge - late filing fee or oath	
127	50		Surcharge - late provisional filing fee or cover sheet	
139	130		Non-English specification	
147	2,520		For filing a request for reexamination	
112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840		Requesting publication of SIR after Examiner action	
115	110		Extension for reply within first month	
116	390		Extension for reply within second month	
117	890		Extension for reply within third month	
118	1,390		Extension for reply within fourth month	
128	1,890		Extension for reply within fifth month	
119	310		Notice of Appeal	
120	310		Filing a brief in support of an appeal	
121	270		Request for oral hearing	
138	1,510		Petition to institute a public use proceeding	
140	110		Petition to revive - unavoidable	
141	1,240		Petition to revive - unintentional	
142	1,240		Utility issue fee (or reissue)	
143	440		Design issue fee	
144	600		Plant issue fee	
122	130		Petitions to the Commissioner	
123	50		Petitions related to provisional applications	
126	240		Submission of Information Disclosure Stmt	
581	40		Recording each patent assignment per property (times number of properties) ___x	
146	710		Filing a submission after final rejection (37 C.F.R. § 1.129(a))	
149	710		For each additional invention to be examined (37 C.F.R. § 1.129(b))	


Other fee (specify) \_\_\_\_

Other fee (specify) \_\_\_\_

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$0)**

## SUBMITTED BY

## Completed (if applicable)

Name (Print/Type)	Kees van der Sterre	Registration No. (Attorney/Agent)	25,938
Signature		Date	November 13, 2001

(U.S.)

Attorney Docket No.: SP00-383

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Heibel, et al

**Serial No.:**

**Filed:**

**For:** STRUCTURED CATALYSTS AND  
PROCESSES FOR GAS/LIQUID  
REACTORS

**COMBINED  
CERTIFICATE UNDER  
37 C.F.R. § 3.73(b)  
and  
POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, DC 20231

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

**CORNING INCORPORATED**, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(U.S.)

Attorney Docket No.: SP00-383

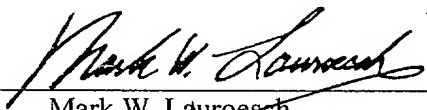
**POWER OF ATTORNEY BY ASSIGNEE**

CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled **STRUCTURED CATALYSTS AND PROCESSES FOR GAS/LIQUID REACTORS** and executed by Achim K. Heibel, Wei Liu and Matthew C. Morse on 8/21/01, 9/5/01 and 9/5/01, respectively, appoints the practitioners associated with the Customer Number provided below (i.e., the practitioners associated with the Patent Department, Corning Incorporated) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all correspondence to Kees van der Sterre at the address associated with that Customer Number.

**Customer Number: 22928**

CORNING INCORPORATED

Date: 9/12/01

By   
Mark W. Lauroesch  
Assistant Secretary